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ABSTRACT

An improved method, system, and computer program product for efficient transmission of data to multiple network nodes is disclosed. A method for transmitting a data block over a network from a first sending node to a first set of recipient nodes, comprises, in the first sending node, a) dividing the first set of recipient nodes into a subset of selected nodes, selected according to scoring criteria associated with each recipient node, and a subset of unselected nodes, b) assigning at least one of the unselected nodes to at least one selected node according to scoring criteria associated with the respective selected nodes, c) transmitting to each selected node a packet including the data block and a list of the nodes assigned to the selected node.